

Converting Colors

YUV(131.4230, -38.6625,
-12.6490)

Have a look what the booklet for
YUV(131.4230, -38.6625, -12.6490)
contains.

YUV(131.4230, -38.6625, -12.6490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(131.4230, -38.6625,
-12.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	759A35
RGB	117, 154, 53
RGB Percent	46%, 60%, 21%
CMY	0.5412, 0.3961, 0.7922
CMYK	0.24, 0.00, 0.66, 0.40
HSL	82°, 49%, 41%
HSV	82°, 66%, 60%
XYZ	19.5343, 27.1502, 7.5791
YIQ	131.4230, 10.3690, -39.2550

Conversions

Conversions Part 2

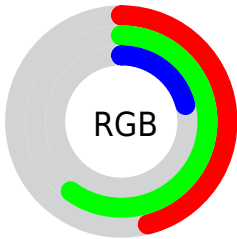
Format	Color
RYB	53, 154, 90
Decimal	7707189
CIELab	59.11, -28.69, 47.23
CIElCh	59, 55.267, 121.278
Yxy	27.1502, 0.3600, 0.5003
Android (android.graphics.Color)	4285897269 (0xFF759A35)
YUV	131.4230, -38.6625, -12.6490
Hunter-Lab	52.1058, -24.2660, 27.8500

Details

The YUV color **131.4230, -38.6625, -12.6490** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **75.5770, 38.6625, 12.6490**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0810, -39.9729, -12.3490**, and **79.8960, -39.3887, -13.0638** is the 20% darker color. If you saturate the color by 10%, you get **127.9190, -44.3301, -14.8380**, and if you desaturate by 10%, it is **134.9270, -32.9950, -10.4600**.

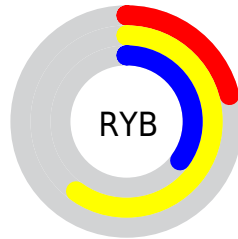
Distribution



Red (46%)

Green (60%)

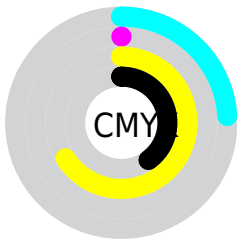
Blue (21%)



Red (21%)

Yellow (60%)

Blue (35%)

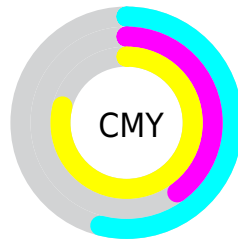


Cyan (24%)

Magenta (0%)

Yellow (66%)

Black (40%)



Cyan (54%)

Magenta (40%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4230, -38.6625, -12.6490 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 131.4230, -38.6625, -12.6490 by changing the saturation by 10% instead.

■ 131.4230,
-38.6625, -12.6490

■ 131.4230,
-38.6625, -12.6490

■ 255.0000, 0.0000,
0.0000

■ 105.3090,
-39.0993, -12.5490

■ 186.0810,
-39.9729, -12.3490

■ 79.8960, -39.3887,
-13.0638

■ 213.8530,
-40.8465, -12.1491

■ 57.7460, -28.4688,
-15.5632

■ 236.1680,
-38.5368, -6.2863

■ 34.9760, -17.2432,
-22.7810

■ 247.1340,
-30.1391, 6.8985

■ 20.5450, -10.1287,
-18.0180

■ 250.3260,
-17.9087, 4.0991

■ 0.0000, 0.0000,
0.0000

■ 253.6320, -5.2416,

1.1997

■ 131.4230,
-38.6625, -12.6490

■ 131.4230,
-38.6625, -12.6490

■ 127.9190,
-44.3301, -14.8380

■ 134.9270,
-32.9950, -10.4600

■ 124.6000,
-50.5818, -16.3122

■ 138.2460,
-26.7433, -8.9857

■ 121.0960,
-56.2493, -18.5012

■ 141.7500,
-21.0757, -6.7968

■ 119.7000,
-59.0121, -19.0309

■ 145.3680,
-14.9714, -4.7077

■ 148.5730, -9.1565,
-3.1335

■ 152.0770, -3.4890,
-0.9445

■ 155.3960, 2.7628,
0.5297

■ 158.9000, 8.4303,
2.7187

■ 162.5180, 14.5346,
4.8077

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



136.5050, -49.5490, 25.8671



131.4230, -38.6625, -12.6490



118.2540, -12.4502, -66.8748

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



131.4230, -38.6625, -12.6490



119.2110, 53.1400, -104.5480



141.5980, 0.1982, 76.6516

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



131.4230, -38.6625, -12.6490



75.5770, 38.6625, 12.6490

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



145.7530, 21.8138, 50.2056



131.4230, -38.6625, -12.6490



114.1330, 61.5594, -98.3406

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



131.4230, -38.6625, -12.6490



118.6290, 35.6789, -104.0376



145.1410, 39.8635, 0.7533



139.7510, -22.0622, 76.5174

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



131.4230, -38.6625, -12.6490



111.2190, 7.2870, -97.5391



145.1410, 39.8635, 0.7533



142.9160, 7.9294, 70.2337

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



131.4230, -38.6625, -12.6490



192.2540, -15.4082, -4.6078



103.7440, -25.0168, 44.0745



96.5730, -9.1565, -3.1335



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.4230, -38.6625, -12.6490



165.5320, -60.9013, -19.7606



116.7720, -31.4396, -42.7730



75.1910, -3.0522, -1.0445



108.7910, -53.6340, -17.3567



10.0230, -4.9413, -1.7742

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.5770, 38.6625, 12.6490



77.7670, 60.7539, 20.3753



90.2280, 31.4396, 42.7730



70.8090, 3.0522, 1.0445



31.2090, 53.6340, 17.3567



2.9770, 4.9413, 1.7742

Previews

White Background



This preview shows how the YUV color 131.4230, -38.6625, -12.6490 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 131.4230, -38.6625, -12.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

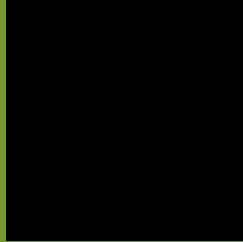
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.4230, -38.6625, -12.6490 Background



This preview shows how black text looks on a background with the YUV color 131.4230, -38.6625, -12.6490.



This preview shows how white text looks on a background with the YUV color 131.4230, -38.6625, -12.6490.

-12.6490.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

131.4230, -38.6625, -12.6490

Protanopia

136.5950, -42.6913, 19.6492

Deuteranopia

138.5950, -39.2403, 32.8042



Tritanopia

141.1820, 7.3053, -9.8066

Trichromacy



Original Color

131.4230, -38.6625, -12.6490

Protanomaly

134.5720, -41.2010, 8.2684

Deuteranomaly

136.1970, -39.0441, 16.4902

Tritanomaly

137.8170, -9.2768, -11.2405

Monochromacy



Original Color

131.4230, -38.6625, -12.6490

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0090, -13.8084, -4.3929

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4230, -38.6625, -12.6490 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(117, 154, 53)` looks like.

```
.text, #text, p{  
    color:rgb(117, 154, 53)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(117, 154, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 154, 53) }
```

Border

The CSS property to change the border of an element to YUV 131.4230, -38.6625, -12.6490 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 154, 53) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(117, 154, 53) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(117, 154, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 154, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 154, 53);  
box-shadow:4px 4px 4px 4px rgb(117, 154,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 131.4230, -38.6625, -12.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 154, 53) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(117,  
154, 53) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor